Life Science

The life science analytical instrumentation market encompasses various technologies for qualitative and quantitative sample analysis, such as biochemical, genome, chemical, and material sciences. R&D efforts aim to handle more samples, expand testing capabilities, and deliver faster and accurate results. We specialize in high precision, high voltage DC-DC and compact, high efficiency AC-DC power solutions for Analyzers, Spectroscopy, Mass Spectrometry, Chromatography, Electrophoresis, Particle Size Analyzers, and Scanning Electron Microscopes.

What We Power

- Ionization Sources
- Detectors
- Mass Filters
- Motors
- On Board Control
- Isolation Converters

Featured Products

**AE AA Series**
- Max. output voltage / power: 6 kV DC/30 W
- Single output
- Ripple: to 100 ppm
- Available 0 to 5 VDC or 0 to 10 VDC
- Analog interfaces

**AE AEQ**
- Ultra-miniature size (0.5” cube)
- Output short-circuit protection
- Supply up to 600 VDC at 0.5 Watts
- Ease of installation with PCB mount

**AE HVA Series**
- Max. output voltage power: 20 kV DC/2 W
- Single output
- Ripple: 500 ppm
- Analog interface
- Temp. coefficient: to 25 ppm/°C
- 500 Hz bandwidths

**ARTESYN LCM1500**
- 1500 W output power with no derating
- Low cost
- 12 Watts per cubic in.
- Medical / industrial safety approvals
- High efficiency: 89% typical

**AE CoolX1800**
- Intelligently 1800 W in a compact package
- Industrial and medical safety approvals
- 24 W-standby power
- PMBus™ for digital communications
- 12 isolated outputs

**SLPE SLB300**
- 3” x 5” x 1.4” package
- 300W w/ 100LFM air universal input
- 80-264 VAC
- Fits TU applications
- RoHS compliant
- 92%, typ. efficiency

Our Customer Experience Centers (CECs) are your one-stop shop for all your design and testing needs. From pinpointing issues and prototype sampling to pre-compliance testing for entire systems, our CECs can help you meet deadlines and budgets.

1. Problem Identification
2. Real-time tests
3. Detailed analyses